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(19) 世界知识产权组织
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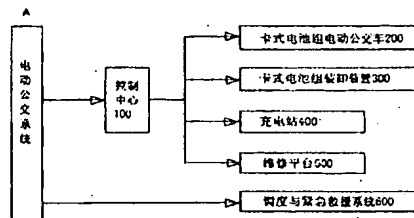


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- (81) 指定国 (除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW。
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- (84) 指定国 (除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, [见续页])

(54) Title: AN ELECTRICAL BUS SYSTEM

(54) 发明名称: 一种电动公交系统



A ELECTRICAL BUS SYSTEM
100 CONTROL UNIT
200 CARD-TYPE ACCUMULATOR SET ELECTRICAL BUS
300 CARD-TYPE ACCUMULATOR SET DISASSEMBLY MEANS
400 CHARGING STATION
500 REPAIRING PLATFORM
600 CONTROL AND EMERGENCY SUCCOR SYSTEM

(57) **Abstract:** An electrical bus system includes a bus mounted a card-type accumulator set and vehicle-mounted control system, a charging station arranged at fixed point and a disassembly means of card-type accumulator set, when the electrical bus need change the card-type accumulator set, the disassembly means takes down the card-type accumulator set of the electrical bus and put the charged accumulator set to the electrical bus. Each of the charging station and the disassembly has control system wherein the control system of the disassembly means, the control system of the vehicle-mounted control system and the control system of the charging station system can communicate with each other. The invention fully uses the power between the peak and low of the grid to charge the accumulator set, so it can protect the environment and save energy, rapidly and truly operate the assemble and disassemble of the accumulator for insuring the electrical bus continually on the line to greatly improve the utilize ratio of the electric bus.

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